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ACCEPTED
NOV 17 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2393-297

**HOPKINS
BROMAX® - 4G
WEED AND BRUSH KILLER**

For General Weed Control on Non-Crop Lands
For General Weed Control Around Buried Cable Closures, Telephone Booths, Cross-connect Boxes, Transformer Pads & Fire Plugs

ACTIVE INGREDIENT:
Bromacil [5-Bromo-3-sec-butyl-6-methyluracil]... 4%
INERT INGREDIENTS: 96%
100%

@Registered Trademark of Hopkins Agricultural Chemical Co.
EPA Reg. No. 2393-297 EPA Est. No. 2393-IL-3

**KEEP OUT OF REACH OF CHILDREN (12 pt.)
CAUTION (18 pt.)**

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.
If on skin: Wash with plenty of water.
If swallowed: Induce vomiting by giving two glasses of water and touching back of throat. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May irritate eyes, nose, throat and skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust or vapor.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish.
IMPORTANT: Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply, allow to drift or clean equipment on or near croplands, lawns, desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on walks, driveways, tennis courts, or similar areas. Keep from contact with fertilizers, insecticides, fungicides and seeds. Thoroughly clean application equipment after use. Equipment which has been used to apply this product should not be used for applying insecticides, fungicides, fertilizers or other agricultural chemicals as plant injury may result.

General Information

This product is a granular product for dry application to the soil for control of brush and many annual and perennial weeds. The effects are slow to appear and will not become apparent until the chemical has been activated by moisture. The degree of control and duration of effect will vary with the amount of chemical applied, soil type, rainfall and other conditions.
This product is noncorrosive to equipment and a nonvolatile herbicide.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SMALL AREA RATE TABLE

Rate per acre	Rate per 1000 sq. ft.
60 lbs.	1 lb. 6 oz.
120 lbs.	2 lbs. 12 ozs.
240 lbs.	5 lbs. 8 ozs.
300 lbs.	6 lbs. 14 ozs.
600 lbs.	13 lbs. 12 ozs.

FOR USE ON NON-CROP LAND SUCH AS RAILROAD, PIPELINE, AND HIGHWAY RIGHTS-OF-WAY, INDUSTRIAL PLANTS, LUMBER YARDS, TANK FARMS, STORAGE AREAS AND PARKING LOTS for control of most annual and perennial grasses and broadleaved weeds.

HOW TO APPLY: Use a mechanical spreader or other device which will spread the required amount evenly over the area to be treated. It may be applied when top growth is dense but better control will be obtained when weeds are short or when excess growth is mowed and removed before applying.

WHEN TO APPLY: Best results will be obtained if applied shortly before or at the time plant growth begins. Rain or thorough watering after application will cause the material to move to the root zone and thus speed up control. Do not use when ground is frozen.

GENERAL WEED CONTROL

ANNUAL WEEDS AND GRASSES: For foxtail, crabgrass, cheatgrass, wild oats, brome grass, puncturevine, ryegrass, pigweed, ragweed, turkey mullein, and lambsquarters use 60 to 120 pounds per acre.

PERENNIAL WEEDS AND GRASSES: For quackgrass, bluegrass, smooth brome, Bahiagrass, redtop, purpletop, broomsedge, aster, plantain, dandelion, wild carrot, dog fennel, and goldenrod use 140 to 240 pounds per acre.

HARD-TO-KILL WEEDS AND GRASSES: For Johnsongrass, Bermuda grass, nutgrass, Dallisgrass, Vasey grass, saltgrass, bouncingbet, dogbane, bracken fern and horsetail use 300 to 600 pounds per acre.

RETREATMENT: Apply 60 to 120 pounds per acre when annual weeds and grasses reappear on sites where weed growth has been controlled.

Use the higher level rates given on soils high in organic matter.

BRUSH CONTROL

To control undesirable woody plants on non-cropland areas such as Railroad Rights-of-way, Storage Areas, Industrial Plant Sites and Drainage Ditches: apply granules in spring or early summer, as a broadcast or basal (spot) treatment: for use on drainage ditches, apply as a basal (spot) treatment only. Growth of herbaceous vegetation will be prevented in the treated area for an extended

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period of time. **Note:** For effective brush control and prevention of damage to desirable vegetation, do not apply to brush standing in water, do not use water from treated ditches for irrigation, do not use in irrigation ditches nor on rights-of-way or other sites where marketable timber or other desirable trees or shrubs are immediately adjacent to the treated area.

BROADCAST TREATMENT: Apply 140 to 240 pounds per acre to control oak, willow, sweet gum, and pine; apply 300 to 600 pounds per acre to control brush such as American elm, winged elm, hackberry, sumac, and cottonwood. Use the higher levels of the dosage ranges on adsorptive soils (those high in organic matter or carbon).

BASAL (SPOT) TREATMENT: Apply 50 pounds at the rate of 1.25 to 2.50 ounces per stem 2" to 4" in basal diameter. Treatment controls woody plants such as cottonwood, hackberry, maple, oak, poplar, red bud, sweet gum, wild cherry, willow, and winged elm.

FOR GENERAL WEED CONTROL AROUND BURIED CABLE CLOSURES, TELEPHONE BOOTHS, CROSS-CONNECT BOXES, TRANSFORMER PADS AND FIRE PLUGS.

HOW TO APPLY: Apply with a shaker type applicator or other device which will spread the required amount uniformly over the area to be treated.

WHEN TO APPLY: Best results will be obtained if this product is applied shortly before or at the time plant growth begins. Rain or thorough watering after application will cause the material to move to the root zone and speed up control. This product is not to be applied when ground is frozen.

RATE: Use 1-1 3/8 pounds per 100 square feet as a spot treatment.

STORAGE AND DISPOSAL (12 pt.)

Do not contaminate water, food or feed by storage or disposal.

Storage: Do not store above 100 F (37.8 C). Store in a cool, dry place.

Do not store opened container for long periods of time. In case of puncture, use overslip bag and securely close.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal site.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Container Disposal: Do not reuse bag. Discard bag in trash. (Alternative container disposal hereby submitted for small bags, sizes 10 lbs. or less, used in the Utility/Industrial markets)

NOTICE OF WARRANTY

Seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or

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application, all of which are beyond the control of the seller. In no case shall the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Seller makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

NET WEIGHT

Manufactured By
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